

F. Rohrer

Collection of Articles on Respiratory Physiology,
by F. Rohrer.

GERMAN, per, Physiologie der Atombewegung, No 2, 1925,
pp 70-127.

WTTIS/HEW TT 71-50149

Sept 71

F. Rohrer

Collection of Articles on Respiratory Physiology,
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GERMAN, per, Pfluger's Arch Ges Physiol., No 165,
1916, pp 419-444.

*HTIS/HEW TT 71-50149

Sept 71

F. Rohrer

Collection of Articles on Respiratory Physiology,
by F. Rohrer.

GERMAN, per, Pfluger's Arch Ges Physiol., No 162,
1915, pp 225-299.

*NTIS/HEW TT 71-50149

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Collection of Articles on Respiratory Physiology,
by F. Rohrer.

GERMAN, per, Schweiz Med Wochschr., No 51, 1921,
pp 765-767.

*ETIS/HEW TT 71-50149

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The resistance to Flow in the Human Respiratory Passages and the Influence of the Irregular Ramification of the Bronchial System on the Course of Respiration in Different Pulmonary Regions, by F. Rohrer, 22 pp.

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NIH Tr 5-38

Sci - Med

May 57

Rohrer, Fritz.
ON THE THEORY OF THE ROTATORY STIMULA-
TION OF THE APPARATUS OF THE SEMICIRCULAR
CANAL. (Zur Theorie der Drehreizung des Bogengang-
apparates). [1961] [26]p. 14 refs.
Order from SLA \$2.60

61-16039

Trans. of Schweiz[erische] Med[izinische] Wochen-
schrift 1922, v. 52, no. 27, p. 670-674.

DESCRIPTORS: *Ear, Physiology, *Proprioception,
Rotation, Gravity, Motion, *Nerves, *Sensory per-
ception, Nystagmus, *Reflexes.

(Unannounced)

61-16039

I. Rohrer, F.

217118

Office of Technical Services

Clinical Experiences With Glutethimide, a Glutaric
Acid Imide, as a Hypnotic, by P. Müller, F. Rohrer,
4 pp.

GERMAN, per, Schweiz Med Wochschr, Vol LXXXV,
26 Mar 1955, pp 309, 310.

SLA 2487

Sci - Medicine
Nov 57

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The Resistance to Flow in the Human Respiratory
Passages and the Influence of the Irregular
Ramification of the Bronchial System on the Course
of Respiration in Different Pulmonary Regions,
by F. Rohrer, 29 pp.

GERMAN, per, Arch ges Physiol, Vol CLXII, 1915,
pp 261-281.

NIH Tr No 2-20

Sci - Medicine
Apr 1957 CIB/dex

45,419

SLA 57-13/57

The Resistance to Flow in the Human Respiratory Passages and the Influence of the Irregular Ramification of the Bronchial System on the Course of Respiration in Different Pulmonary Regions, by F. Rohrer, 27 pp.

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NIH Tr 11-26
S.L.A. Tr 1404

Sci - Medicine
Dec 56 OTS

44, 831

Experiences With Production and Application of the
Riems ~~in~~ Adsorbate Vaccine for Foot and Mouth Disease,
(From the Research Institute for Animal Epidemics
Island of Riems Near Greifswald), by H. Rohrer,
H. Mohlmann, G. Pyl, 19 pp.

Full translation.

GERMAN, bk, Experimentelle Veterinarmedizin v, ~~Wien~~,
Leipzig, 1950, pp 1-13.

USDA Tr

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From the Work of the Research Institute for Animal
Diseases, Island of Riems, by H. Rohrer, 4 pp.

Full translation.

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USDA Tr

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Scientific - Medicine

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- Tracking Rockets with Extremely Long Range Radar,
by K. Rohrich.

GERMAN, per, Z fuer Flugwissenschaften, No 9,
1958, pp 266-271. CIA 654322

ATTC F-TS-9973/III

Sci - Electron

Mar 59

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The Advantages of Additions of Titanium to
Aluminum, by E. Rohrig, 11 p.

GERMAN, per, Metallwirtschaft, 1931, Vol X,
6 Feb, pp 105-111.

SIA 59-15713

Sci
Jan 60
Vol 2, No 5

104,604

Hot Dip Aluminum Coatings on Iron, by H. Rohrig,
11 pp.

GERMAN, per, Z Metallkunde, Vol XXVI, 1934,
pp 87-90.

SLA 57-1108

May 58

63,856

Structure Markings On Anodically Oxidized Sheet of
Al-Mn and Al-Mg-Si Alloys, by H. Rohrig, E. Kopenick,
6 pp.

GERMAN, per, Zeits. Metallkunde, Vol XXXV, 1943,
pp 117-120.

S.L.A. No 385/1956

Scientific - Minerals/metals

34, 277

On the Suitability of Electrolytically
Polished Specimens for the Metallographic
Investigation of Aluminum and Its Alloys,
10 pp, by H. Rohrig, W. Schneider,

GERMAN, per, Aluminum, Vol XXIII, No 6,
Jun 1941, pp 281-284.

NACA - N-18639

AEC-Tr-2120

Scientific - Min/Metals

L.L.G. 556

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Tests of the Action of Different Kinds of Ethyl
Alcohol on Pure Aluminum and Lental Plate, by
H. Rohrig, 5 pp.

GERMAN, per, Korrosion U. Metallschutz, Vol VI,
Jun 1928, pp 133-135.

S.L.A. Tr 57-165

Sci - Minerals/Metals
May 57

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C.C.P. Casting Mould, by Hans Rohrig, 5 pp.

Full translation.

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Scientific - Minerals/metals

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Concerning Depth Distortion and Magnification of Slope
in the Hydraulic Structures Model Test, by Rudolf Sei-
fert. Distorted River Models, by A. Rohringer.

GERMAN, International Association for Hydraulic Struc-
tures Research, Report on the First Meeting, Appendix
4-7 October 1937, Berlin, pp 183-202.

USA Corps of Engr, Waterways Exper Sta Tr 41-1

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

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Available on loan at Research Center Library

A Comparison of the Sensitivities of
Different Methods of Measurements for Radio
Carbon, by M. Reinharz, G. Rohringer, E.
Broda, 4 pp.

GERMAN, per, Acta Physica Austriaca, Vol VIII,
No 3, 1954, pp 285-288.

A.E.R.E. Harwell No 458

USSR
Sci - Physics, radioactive substances

Economic

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Practical Experiences With Fishing with
Electricity, by G. Rohrl, 7 pp.

GERMAN, per, Allgem Fischerei Ztg, Vol
LXXIV, No 4, 15 Feb, 49, p 49-50.

SLA 3105

Sci

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Rohrlich, M. and Benischke, H.
DETERMINATION OF LIPASE IN WHEAT PRODUCTS.
[1963] [19]p. 16 refs.
Order from SLA \$1.60

63-14973

Trans. from Getreide und Mehl (West Germany) 1951,
v. 1, no. 8.

DESCRIPTORS: Wheat, *Bakery products, *Flour,
*Enzymes, Fermentation, Fats, Vegetable oils,
Chemical analysis, *Lipase.

The factors which influence the determination of li-
pase in flour, if the Sullivan-Hove method is applied,
were isolated, and a detailed and simplified procedure
for the determination of lipase is given. The activity
of lipase in wheat, rye, and barley flour was examined
with the above method, and the activity of lipase on
different vegetable oils (linseed oil, rapeseed oil,
(Food, TT, v. 10, no. 5)

(over)

63-14973

I. Rohrlich, M.
H. Benischke, H.

A242775

Office of Technical Services

~~Rohrlich~~ M.
THE PREPARATION OF NICOTINIC ACID. [1962] 5p.
Order from K-H \$6.25
K-H 3902-c

Trans. of Archiv der Pharmazie (West Germany) 1951,
v. 284, p. 6-7.

DESCRIPTORS: Preparation, *Nicotinic acid.

(Biological Sciences--Pharmacology, TT, v. 9, no. 2)

62-17568

- I. Rohrlich, M.
- II. K-H-3902-c
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

0221167

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Methods for Securing Dactyloscopic Material by
Dr Rohmann, 11 pp.

GERMAN, no par, Kriminalistik, No 3, Mar 1936,
pp 93-97.

US JPRS/DC-L-1045

Sci - Misc, criminology
17 Nov 1958

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Note on the Preparation of Silicon Monobromide, by
A. Pfugmacher, I. Rohrmann.

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102.

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Sci - Chemistry
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Rohrschneider, L.

POLARITY OF THE STATIONARY PHASE IN GAS CHROMATOGRAPHY (Polarität Stationärer Phasen der Gaschromatographie). [7 Feb 63] [14]p. 3 refs.
Order from SLA \$1.60

63-18286

Trans. of Z[eitschrift für] Anal[ytische] Chem[ie]
(West Germany) 1959, v. 170, p. 256-263.

DESCRIPTORS: *Polarization, *Gas chromatography, *Phase studies, Hydrocarbons, Gases, Molecular structure.

Twenty-three different stationary phases suitable for the analysis of gaseous hydrocarbons are arranged into a series of increasing polarity. A satisfactory separation of all gaseous paraffins and olefins can be expected only for two polarities. 1,3-butylenglycolsulfite corresponds to the one, a combination of 5 m. diethyl (Chemistry--Analytical, TT, v. 10, no. 11) (over)

63-18286

L. Rohrschneider, L.

55312

Office of Technical Services

Rohs, A.
PROCÉDE DE VULCANISATION DE GAINES DE
CABLES ELECTRIQUES (Vulcanization of Coverings
of Electric Cables). 6p. CNRS-X 205
Order from OTS, ETC or CNRS \$0.80 TT-62-28117

Trans. in French of Polish patent application 24726,
filed 17 Oct 35, pub. 15 May 37.

DESCRIPTORS: *Electric cables, Protective coverings,
*Vulcanization, Rubber, *Rubber coatings.

(Engineering--Electrical, TT, v. 11, no. 7)

nn

TT- 62-28117

- I. Patent (Poland) 24726
- II. Rohs, A.
- III. CNRS-X 205
- IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Utilisation of Machine Tools, by H. Rohs,
H. Opitz.

GERMAN, per, Werkstattstechnik, Vol 49,

No 9, 1959, pp 7-490

GB/85/1603644

H. Rohs

Sci -

Jul 67

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Reconditioning of Submarines "Hai" and "Hecht"
(Thoughts on the Use of Submarines), by Commander
Hellmut Rohweder, 13 pp. UNCLASSIFIED

GERMAN, per, Soldat und Technik, No 1, Jan 1958,
p 26, Encl to ~~Mappe~~ Ser No 356-58, MA, Bonn.

ONI Tr 5045955

WE - W Germany

Nil

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Soviet Russians as Opponents at Sea, by B. V.
Ran Foerster, P. Schmalembach, J. Rohrer, K. K.
Birnbaum. UNCLASSIFIED

GERMAN, rpt, US Navy Sponsored Study, Vol I-IV.

Navy 1807/OHI 287

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Erich Raeder - My Life, by Rudolf Krohn; Careers of
Famous Submarines, by J. Mohr.

GERMAN, per, Marinezeitung Leinen Los, No 11, Nov
1956.

Navy Tr 1567/ONI-85

EUR - Germany
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Rohrer, K.
A TRAVELING-WAVE TUBE FOR 3 KILOWATT
CONTINUOUS POWER IN THE RANGE OF DECI-
METER WAVES (Eine Wanderfeldröhre für 3kW
Dauerleistung im Gebiet der Dezimeterwellen).
[1963, 10]p. (foreign text included) 1 ref.
Order from SLA \$1.10

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Trans. of Nachrichtentechnische Fachberichte
(West Germany) 1961, v. 22, p. 1-3.

DESCRIPTORS: *Traveling-wave tubes, High frequency,
Coupling circuits, Attenuators, Design, Operation.

(Engineering--Electronic, TT, v. 10, no. 8)

63-18352

I. Rohrer, K.

A247767

Office of Technical Services

The Electro-Acoustic Efficient of a Spark
Discharge in Water, by N. A. Roi, D. P. Frolov.
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No 4, 1958, pp 683-686.

DSIR LLV (loan) N. 376
RAE 795

CIA/FDO XX-1355

Sci - Phys; Electron
Jun 59

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The Initiation and Development of Ultrasonic
Cavitation. Survey, by N. A. Roi, 16 pp.

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pp 3-18.

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~~Soviet~~ Phys - Acoustics
Vol III, No 1

Sci - Phys
Nov 58

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The Dependence of the Coercive Force and the Permittivity of Ceramic Barium Titanate Upon Mechanical Stresses, by M. A. Roi, 4 pp.

RUSSIAN, qu per, Akust Zhur, Vol I, No 4, 1955, pp 352 255.

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Vol I, No 3, 4

Sci - Physics
Jan 58

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Temperature Dependence of Electrostriction and
Elastic Properties of Ceramic Barium Titanate, by
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pp 264-271.

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Vol I, No 3, p 4

58,009

Sci Physics
Jan 58

High-Voltage Power Supply for the Turning Plates
of a System for Injecting an Ion Beam Into the
Chamber of a 10-Bev Synchrophasotron, by
G. A. Zeitlenok, L. P. Zinovyev, I. M. Roife,
5 pp.

RUSSIAN, per, Priboiy i Tekh Eksp, No 2, 1960,
pp 16-20.

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Circuit for Stabilizing the Flat Part of a Pulse From
Transformer at Voltages Up to 1 Megavolt, by I. N.

~~Roife~~, 6 pp
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pp 67-72

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Effect of Atmospheric Relative Humidity on
Formation of H_2O_2 in Atmospheric Corrosion of
Magnesium and Aluminum, by I. L. Roikh,
D. M. Rafalovich, 6 pp.

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1961, pp 864-869.

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Temperature Dependence of the Emission of Photo-
graphically Active Particles in the Atmospheric
~~XXXX~~ Corrosion of Magnesium and Zinc, by ~~IX~~
I. L. Roikh, F. Ye. Mazayev, 7 pp.

RUSSIAN, per, Dok Ak Nauk, Vol LXXII, No 2,
1950, pp 335-338.

Def Sci Info Sv DRB Canada

T 89 R → CIA D 151232

AEC TR 1604

167-46

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Scientific - Minerals/Metals

Jun 53 CTS

RT-1920

2249

Influence of Mechanical Surface Treatment on H_2O_2
Liberation During Atmospheric Corrosion of Metals,
by I. L. Roikh, V. V. Ordynskaya, 7 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIV,
No 9, 1961, pp 1979-1986.

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I. L. ROIKH

Emission of electrons and H_2O_2 in metal corrosion

Elektronen-und H_2O_2 -Emission bei der Korrosion von Metallen

Zhur. Fiz. Khim., 33, No. 2, 288-293 (1959)

383 - German

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Emission of Photographically Active Particles in
the Atmospheric Corrosion of Metals, by I. L. Roikh,
~~XXXX~~ 5 pp.

RUSSIAN, per, Dok Ak Nauk, Vol LXIII, No 2,
1948, pp 119-122.

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(no number given) T 89 R → CIA D 151232
RT 1613 DY 167246

Scientific - Minerals/Metals Jun 53 CTS

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Vertical Distribution of Photographically Active
Particles Liberated From Metals, by I. L. Roikh, 6pp.

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Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXX,
No 2, 1950, pp 253-256.

Also AEC-Tr-1729 ; Def Sci Info Sv, < CIA: D 151228
DRB Canada, T.98.R D-44609

also Sci Museum Lib No 51/3365
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number given

An Epidemiological Account of an Outbreak of
Typhoid Fever Due to Water, by E. B. Gurwich
and V. M. Roikbel, ⁴/₅ pp.

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Immunobiol, Vol XXVII, No 5, 1957, pp 30-32.

Pergamon Institute

Sci - Med

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The Importance of the Intestinal Microbes in
Nutrition, by P. Roine, 36 pp.

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SLA Tr 2752
NIE Tr No 1123

Scientific - Biology, Medical ^{igne}

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Analysis of the Distributions of the Transverse
Momenta of Pions and Strange Particles, by N. N.
Roinishvili, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,
No 3, 1961, pp 919-923.

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Vol XIV, No 3

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Observations of Decays of Charged Particles in a
Double Cloud Chamber, by Z. Sh. Mandzhavidze, N. N.
Roinishvili, G. E. Chikovani & pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 5, 1958, pp 1110-1115.

Amer Inst of Phys
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Vol VII (34), No 5

Sci - Phys
Dec 58

77,515

Controllable Spark Chamber - An Apparatus for
Observing the Tracks of Charged Particles, by
V. A. Mikhaylov, V. N. Roinishvili, G. N.
Chikovani, 6 pp.

RUSSIAN, Proceedings of the Conference on Nuclear
Electronics, Belgrade, 15-20 May 1961, 1962,
pp 353-359. 9200066 Vol 1,

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Sci - NuPhys

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The Controllable Spark Chamber as a New Instrument
for Observing Charged Particle Tracks, by V. A.
Mikhailov, V. N. Roinishvili, G. E. Chikovani, 4 pp.

RUSSIAN, per, Pribery 1 Tekh Eksper, No. 1, 1961,
pp 39-41.

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Mar 62

Some aspects of production of strange particles
By Z. Sh. Mandzhavidze, N. N. Roinishvily, pp. 5

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No 6, 1962, pp. 716-721.

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341, 138

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Roinu, Shin.

NON-TARNISHING SILVER ALLOY PLATING SOLUTION. [1961] 2p.

Order from LC or SLA m/\$1.80, ph/\$1.80 61-15281

Trans. of [Japanese official patent application]

SHO-31-8657, 31 Mar 56, by Tomiji Kitahara, public announcement 5 Aug 58, provisional no. SHO-33-5960.

The solution consists of silver cyanide 15-50g, cadmium cyanide 10-25g, indium cyanide 10-40g, stannous chloride 3-15g, zinc cyanide 10-20g, sodium cyanide 50-60g and sodium carbonate 30-50g dissolved in 1 liter of pure water.

(Metallurgy, TT, v. 5, no. 10)

61-15281

1. Electroplating solutions
2. Silver alloys--Applications
 - I. Roinu, S.
 - II. Patent (Japan) pub. 33-5960

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A Controlled-Current Static Telemetering
Device, by M. Duma, V. Roisman, 3 pp.

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1959, pp 1137-1139.

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Apr 60

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Arousal Reaction Evoked by Stimulation of
the Thalamic Nucleus of the Specific Afferent
System, by A. T. Roitbak, S. M. Butkhuzi,
3 pp.

RUSSIAN, per, Dok z Ak Nauk SSSR, Vol CXXXIX,
No 6, 1961, pp 1502-.

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Feb 62

The Mechanism of "Active Rest" (Sechenov's Phenomenon)
by A. I. Roitbak, Ts. M. Dedabrishvily, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4,
1959, pp 957.

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Sci - Bio
Oct 59

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Bioelectrical Phenomena in the Cortex of the
Larger (Cerebral) Hemispheres, by A. I.
Roitbak, 475 pp.

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Physiology, the Acad of Sciences of the Georgian
SSR, 1955, pp 240pp, CIA 9017124-C

Sci - ^{Biology} ~~Physics~~
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SLA Tr R-92a

46,176 Jan 1957

Some Peculiarities of ~~the~~ the Growth of the
Crystals in Condensed Systems, by A. L.
Roitburd, 7 pp.

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1962, pp 291-299.

Amer Institute of Physics
Soviet Physics - Crystal
Vol VII, No 2

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Energy Relations in the Martensite Transformation, by B.
Ya. Lyubov, A. L. Roitburd, 3 pp

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pp 303-305

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Vol V, No 2

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Temperature Conditions on the Surface of a Growing
Martensite Crystal, by B. Ya. Lyubov, A. L. Roitburd,
4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 4, 1960,
pp 809-812

AIP
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Vol V, No 2

Sci
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On the Question of Morphotropy in the Crystal
Structure of Triphenyl Compounds of Elements
of the Fifth Group, by V. I. Iveronova,
and Iz. N. Roitbard, UNCLASSIFIED

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pp 810-812.

Sci Mus Lib No 52/2938

see also Nova Scientia No 238

Scientific - Chemistry

25 October 1952

To the Theory of Nucleation of Martensite, by A. L.
Roitberg, 8 pp.

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pp 161-168.

PP

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On Some Indirect Methods of Obtaining Information
on the Position of a Controlled System in the
Phase Space, by Ia. N. Roitenberg, 7 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXV, No 3,
1961.

Pergamon Press

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ON THE THEORY OF GYROSCOPE FOLLOW-UP IN THE PRESENCE
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1962, PP 1050-1053.

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VOLVII, NO 2

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On the Motion of a Gyroscopic Compass Due to the
Action of Random Forces, by/N. Roitenberg,
Ya.

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pp 1045-1048.

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Sci - Phys

131, 997

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Some Problems of the Theory of Dynamic Programming,
by Ya. N. Roitenberg, 13 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIII, No 4,
1959, pp 656-665

Pergamon Press

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Ya. N. Roitenberg, 7 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol. XXIV, No 4,
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Roitenberg.

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Programirovaniya, n. p. 1963.

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On the Motion of Gyroscopic Devices Under the
Influence of random Forces, by Ya. N. Roitenberg
14 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIV, No
~~XX~~ 1960, pp 463-472.

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**A Method for the Construction of Liapunov Functions
for Linear Systems With Variable Coefficients, by
Ya. N. Roitenberg, 7 pp.**

**RUSSIAN, per, Prikl Matem i Math, Vol XXII, No 2,
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Pergamon Inst

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On the Placing of a Gyroscopic Compass into a
Meridian During the Accalsration of the Rotors
of the Gyroscopes, by Ya.N. Roitenberg, 7 pp.

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The Accelerated Placing of a Gyroscopic Compass
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RUSSIAN, per, Prikl Matemat i Mekh, Vol XVIII,
No 5, 1959, pp 961-963.

Ferganona Press

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Apr 60

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DESCRIPTORS: *Acetylenes, Oxidation, Manganese compounds, Dioxides, Catalysis.

Catalytic oxidation of acetylene by oxygen on active manganese dioxide occurs either in the inner kinetic region, inner diffusion, or outer diffusion regions, depending upon the temperature. The transition from one region into another is characterized by a change of the order of the reaction and the value of the energy of activation, in good agreement with the theory of the (Chemistry--Physical, TT, v. 6, no. 7) (over)

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Office of Technical Services

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DESCRIPTORS: *Hydrogen compounds, Sulfides, Oxidation, *Nickel catalysts, *Lead catalysts, Catalysts, Catalysis, *Hydrogen, Chemical reactions.

A study was carried out of the efficiency of the catalyst composed of oxides of nickel and lead and supported on kieselguhr in the oxidation of hydrogen sulfide in the mixture $H_2S + O_2 + H_2 + N_2$, as dependent upon the following factors: temperature, space velocity (Chemistry--Physical, TT, v. 6, no. 11) (over)

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dation, Manganese compounds, Dioxides, Ores, Cata-
lysts, Catalysis.

A method of removal of acetylene from the air is sug-
gested, involving oxidation of acetylene with oxygen.
Catalysts were found suitable for this process. They
consist of (a) manganese dioxide, which is applicable
for a wide interval of concentrations of acetylene, and
(b) manganese ore promoted with silver salts. The
first catalyst can be used for the removal of acetylene
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